

Course Title: Aerospace Science 2

Course Number: 1800310

NGSSS Benchmark	Content Focus	Number of Questions	Suggested Cognitive Complexity (per CPALMS)
<i>Reporting Category 1:</i>			
19.01	Identify atmospheric Regions and elements	4	4 level 1
19.03	Describe and identify the elements of the Atmosphere in Motion	4	4 level 2
19.04	Explain the role weather forecasting has as it relates to Aerospace Technologies	2	2 level 1
20.01	Define terminology associated with flight and flight principles.	8	8 level 1
20.02	Identify the structural components of aircraft	2	2 level 1
SC.912.P.12.3	Interpret and apply Newton's three laws of motion	2	1 level 3 1 level 2
SC.912.P.12.2	Analyze motion of an object in terms of its position, velocity and acceleration	2	1 level 4 1 level 3
AT.36.0	Use oral and written communication skills in creating, expressing, interpreting information and ideas.	6	5 level 4 1 level 3
AT.41.0	Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.	6	6 level 2
<i>Reporting Category Total</i>			36

Overall Percentage for Written Test: 30%

Overall Percentage for Performance Tasks: 70%

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Overall Percentage for Performance Tasks: 70_____

Performance Task #1	Complete basic drill movements and the Drill Command sequence.
Weighting Percent for this Task	25%
Standard	Drill Command Sequence from AFJROTC Drill Manual
Additional Information	
Suggested Assessment Team	Instructor staff and local recruiters.

Rubric:

4	Complete 90% of movements without error.
3	Complete 80% of movements without error.
2	Complete 70% of movements without error.
1	Complete 60% of movements without error.
0	Complete less than 60% of movements.

Performance Task #2	Demonstrate proper customs and courtesies.
Weighting Percent for this Task	25%
Standard	Cadet guide and Air Force Pamphlet 34-1202
Exemplar (If applicable)	Demonstrate reveille, retreat, flag folding, POW/MIA ceremony, awards ceremony, Dining Out, and saluting.
Additional Information	
Suggested Assessment Team	Instructor staff and local recruiters.

Rubric:

4	Demonstrate at least 3 of the items in the exemplar without error.
3	Demonstrate at least 2 of the items in the exemplar without error.
2	Demonstrate at least 3 of the items in the exemplar with no more than 1 error in each.
1	Demonstrate at least 2 of the items in the exemplar with no more than 2 errors in each.
0	Complete less than 2 of the items.

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Performance Task #3	Complete Presidential Physical Fitness Assessment
Weighting Percent for this Task	20%
Standard	Presidential Physical Fitness Standards
Exemplar (If applicable)	
Additional Information	
Suggested Assessment Team	Instructor staff and local recruiters.

Rubric:

4	Pass the Presidential Physical Fitness Assessment. (PPFA)
3	Pass 80% of the PPFA.
2	Pass 70% of the PPFA.
1	Pass 60% of the PPFA.
0	Failure to participate in the PPFA.